Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071125AL\
Data File : FC069424.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 17:16
Operator : YP/AJ
Sample : Q2571-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
TP-17

Integration File: autoint1.e
Quant Time: Jul 11 23:04:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.672	4290829	24.837 ug/ml
Spiked Amount	50.000		Recovery =	49.67%
12) S	1-chlorooctadecane (S...	13.107	3420317	26.181 ug/ml
Spiked Amount	50.000		Recovery =	52.36%
	Target Compounds			
10) T	n-Eicosane (C20)	12.668	79721	0.522 ug/ml
13) T	n-Docosane (C22)	13.889	278124	1.933 ug/ml
14) T	n-Tetracosane (C24)	14.942	777285	5.635 ug/ml
16) T	n-Octacosane (C28)	16.942	177527	1.439 ug/ml
18) T	n-Dotriacontane (C32)	18.659	45159	0.413 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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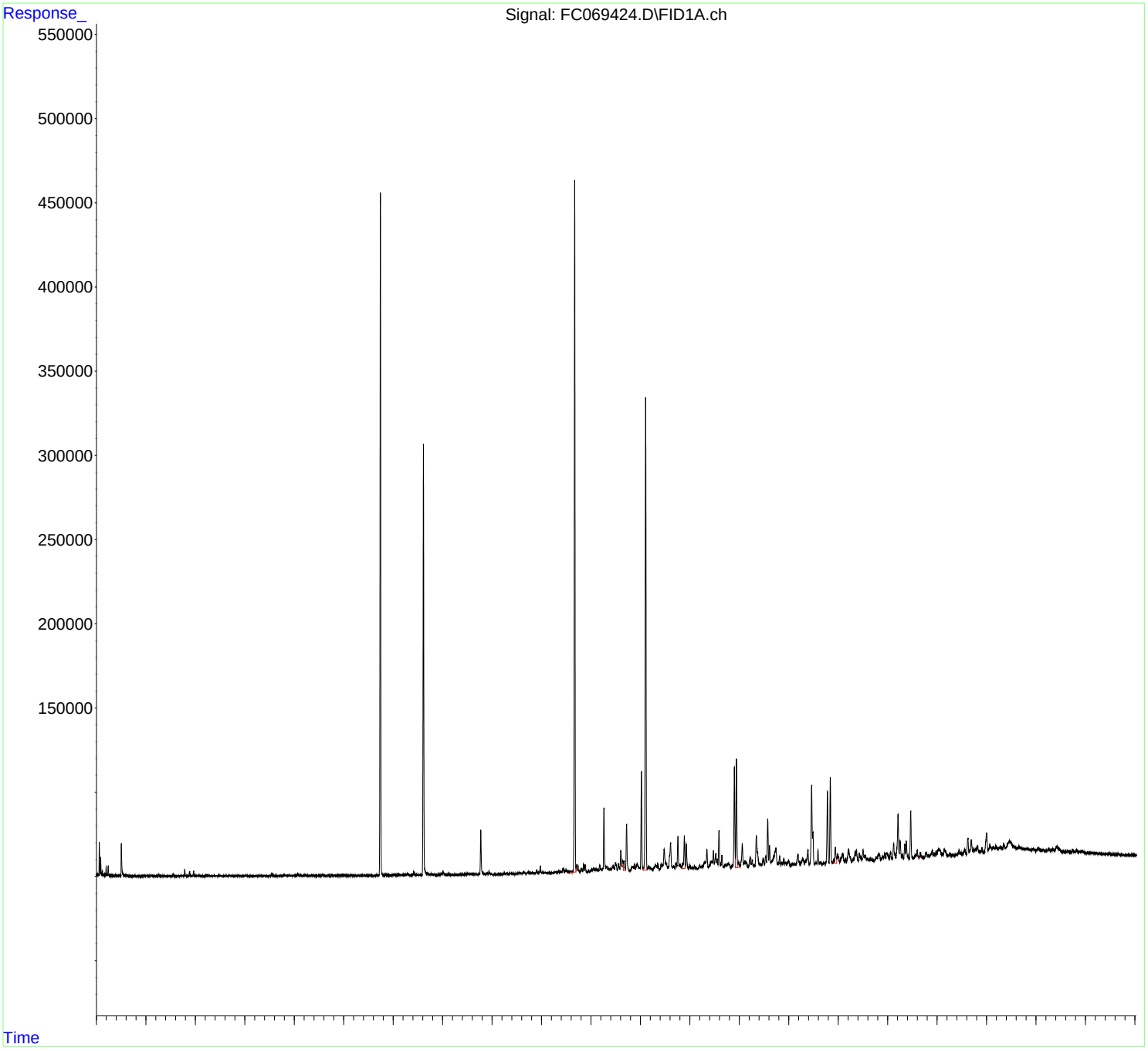
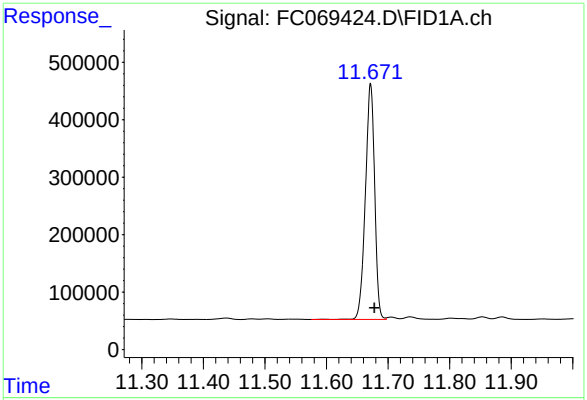
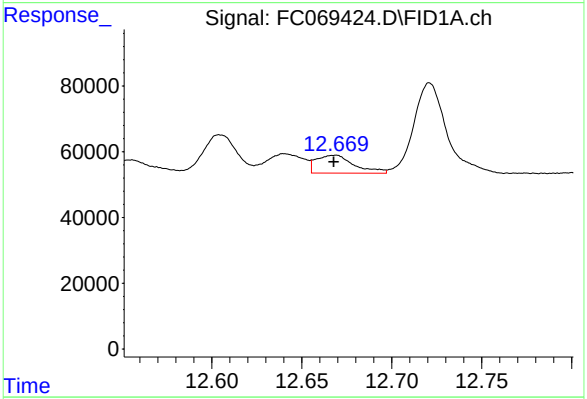




#9 ortho-Terphenyl (SURR)

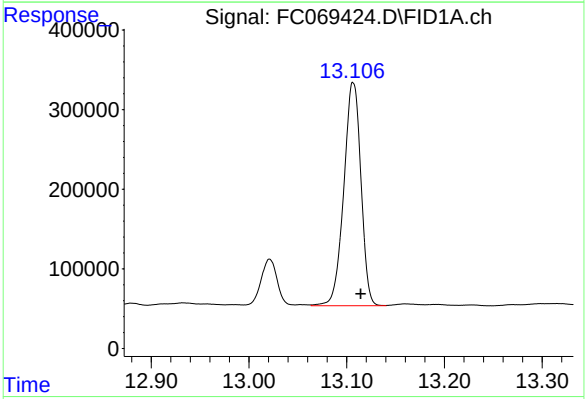
R.T.: 11.672 min
Delta R.T.: -0.006 min
Response: 4290829
Conc: 24.84 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17



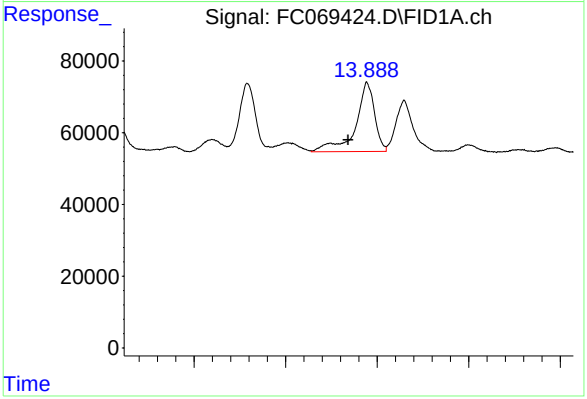
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 79721
Conc: 0.52 ug/ml



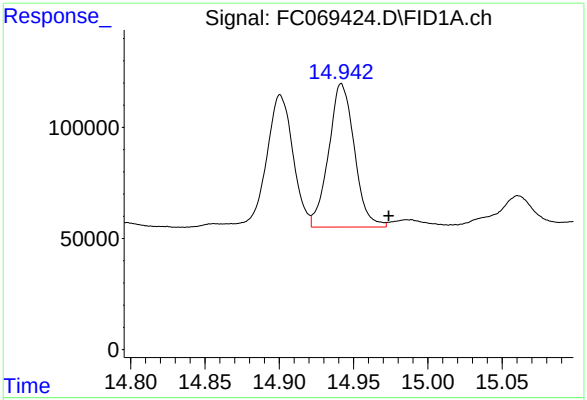
#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: -0.008 min
Response: 3420317
Conc: 26.18 ug/ml



#13 n-Docosane (C22)

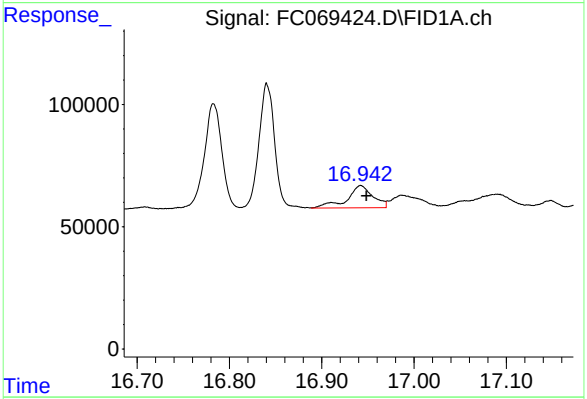
R.T.: 13.889 min
Delta R.T.: 0.021 min
Response: 278124
Conc: 1.93 ug/ml



#14 n-Tetracosane (C24)

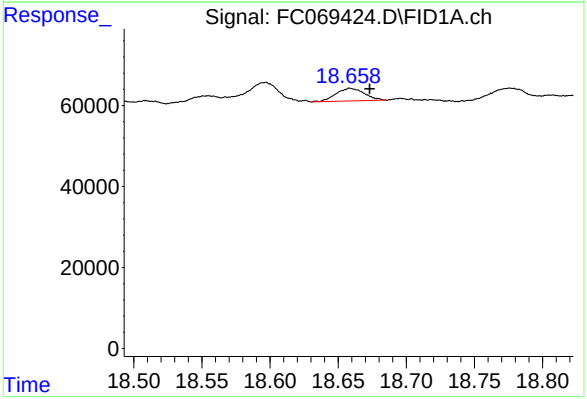
R.T.: 14.942 min
Delta R.T.: -0.031 min
Response: 777285
Conc: 5.64 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17



#16 n-Octacosane (C28)

R.T.: 16.942 min
Delta R.T.: -0.006 min
Response: 177527
Conc: 1.44 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: -0.014 min
Response: 45159
Conc: 0.41 ug/ml